

Sheet 1/13

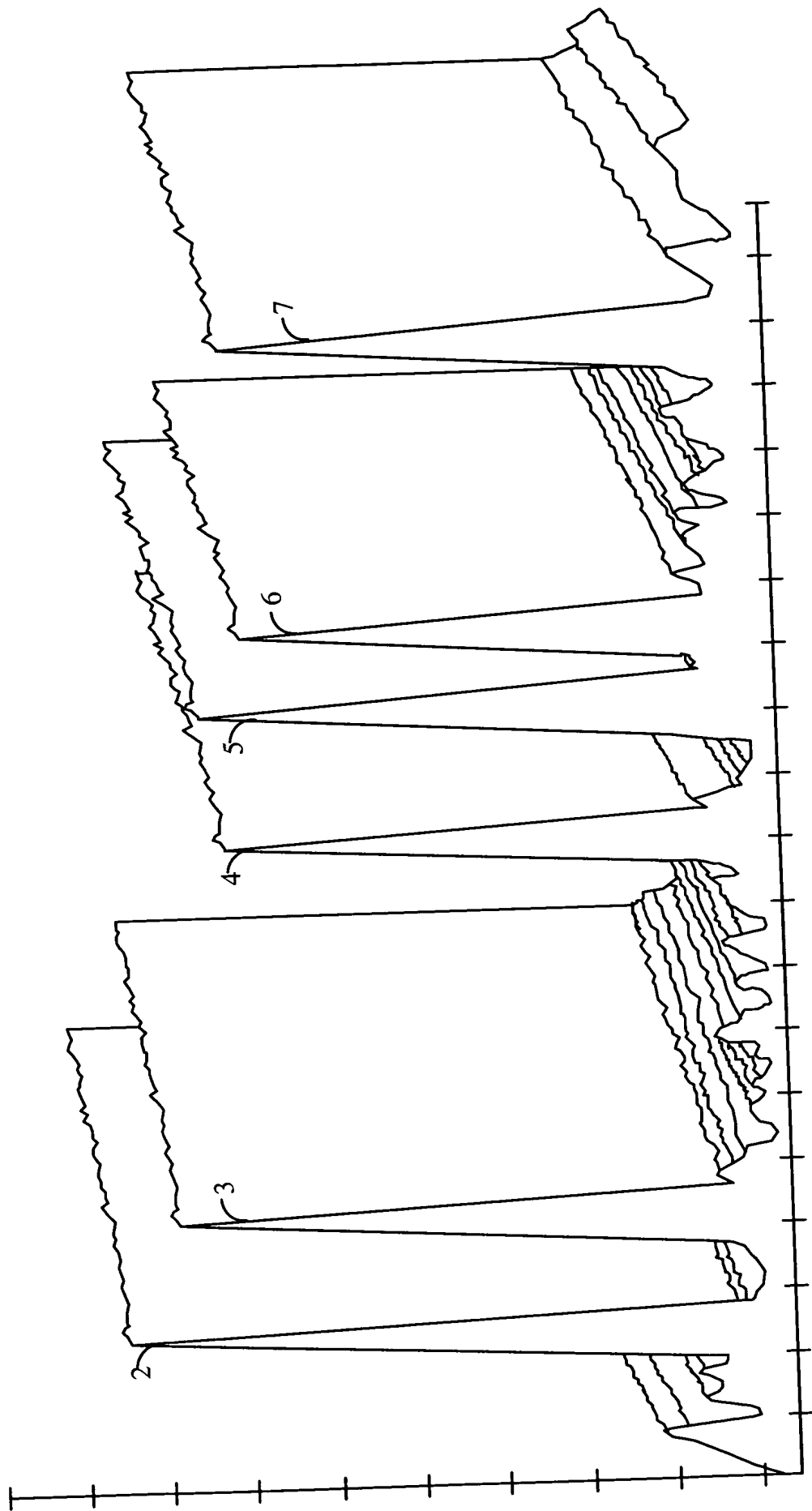
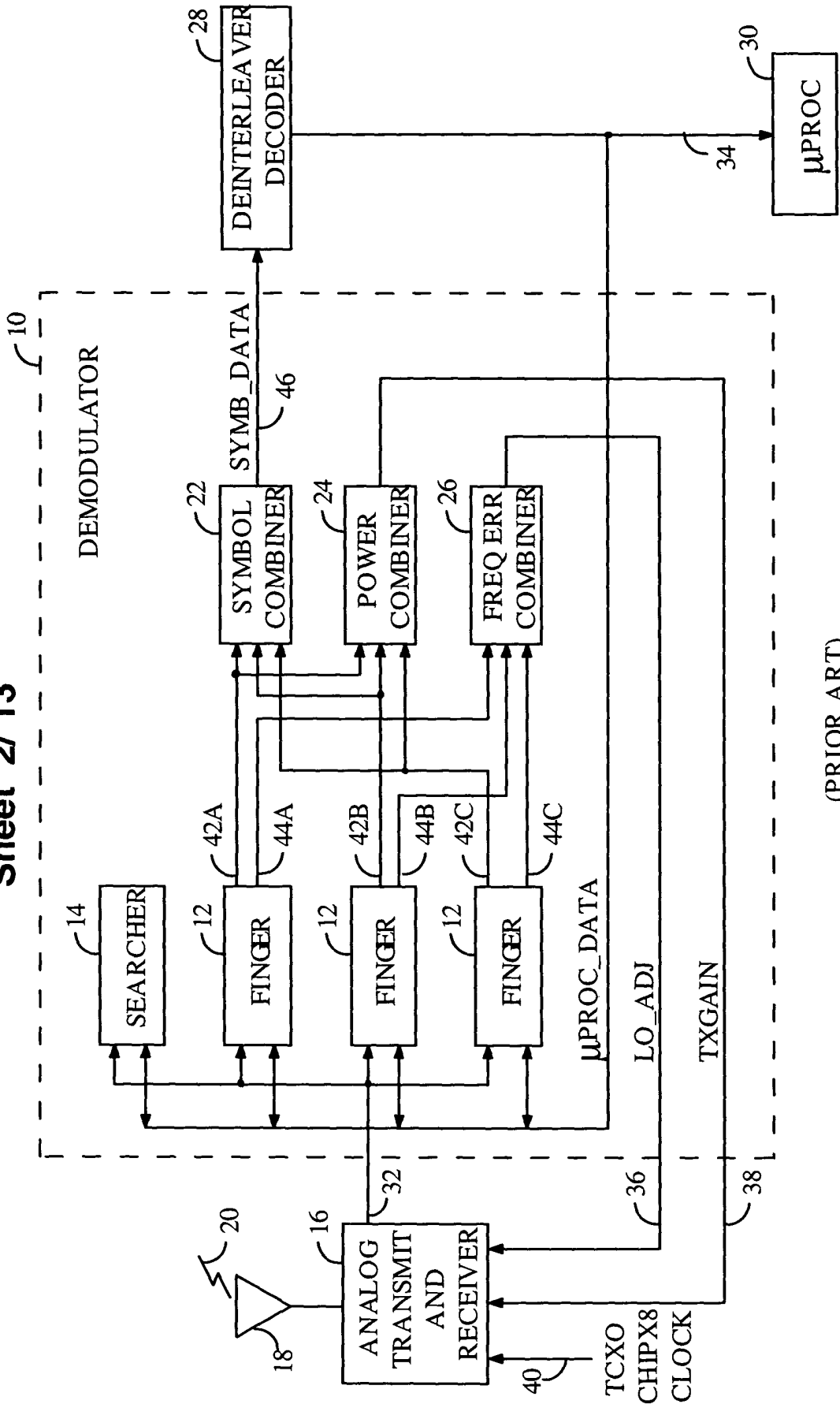


FIG. 1

+



(PRIOR ART)
FIG. 2

+

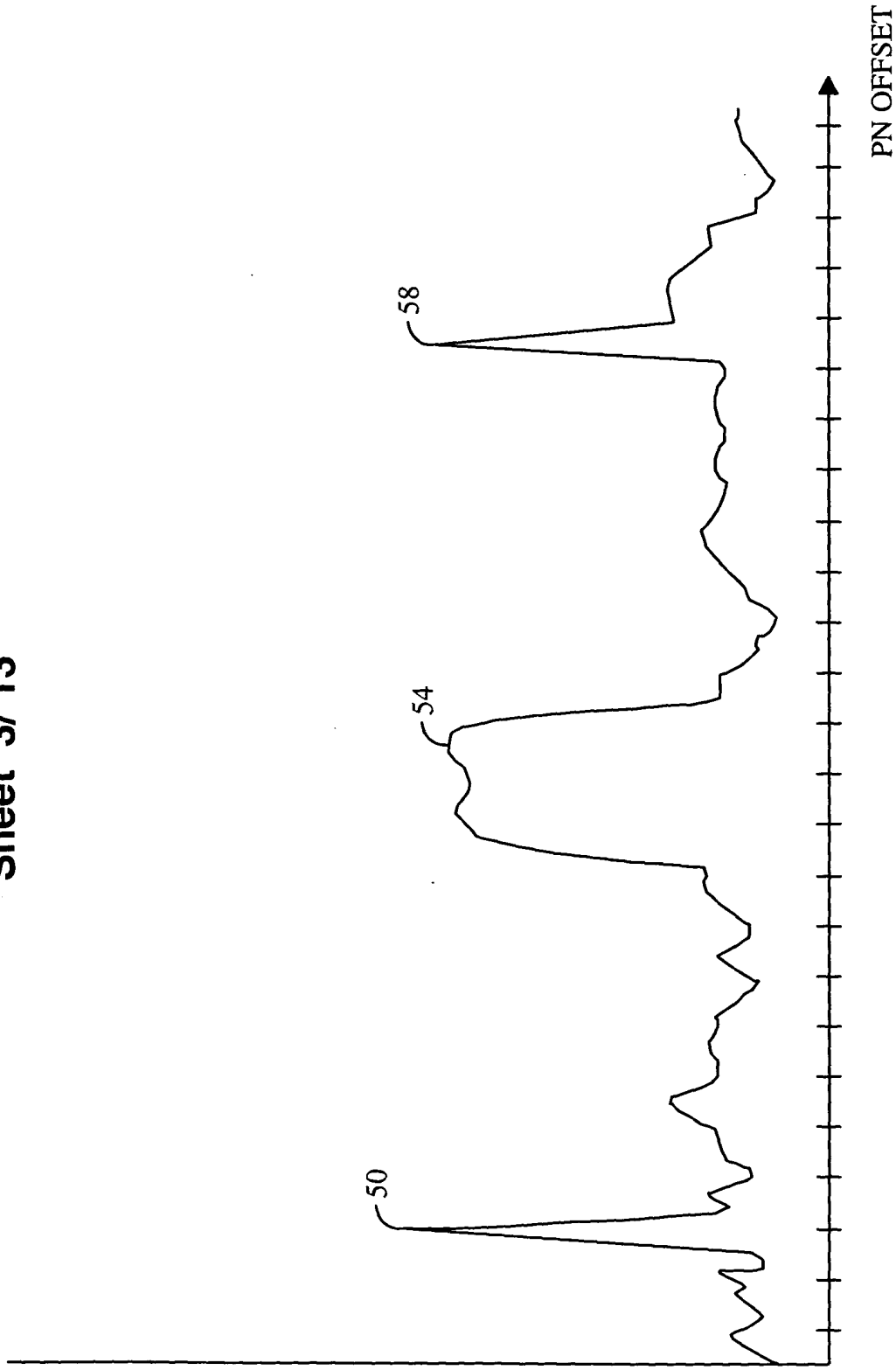


FIG. 3

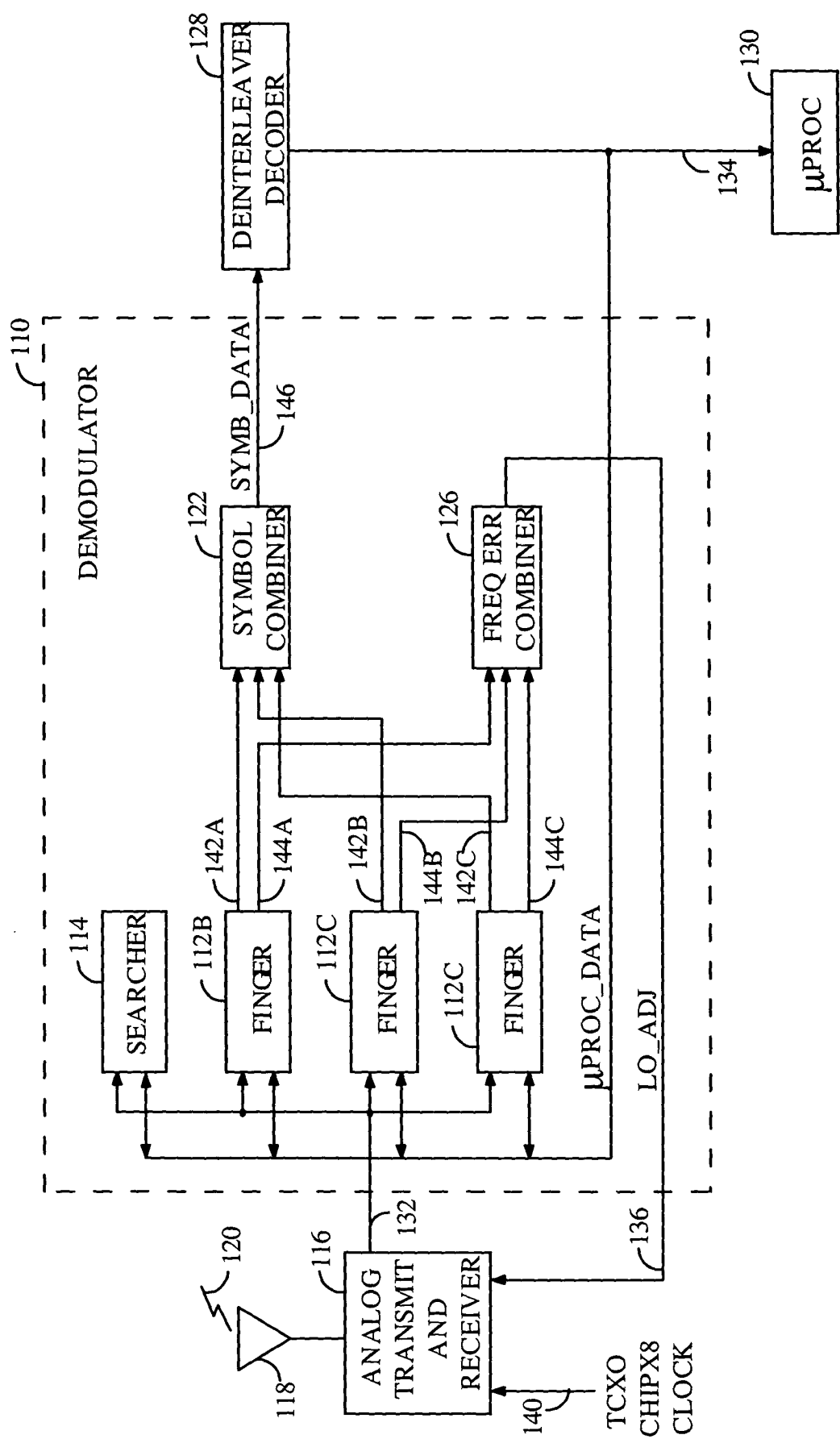


FIG. 4

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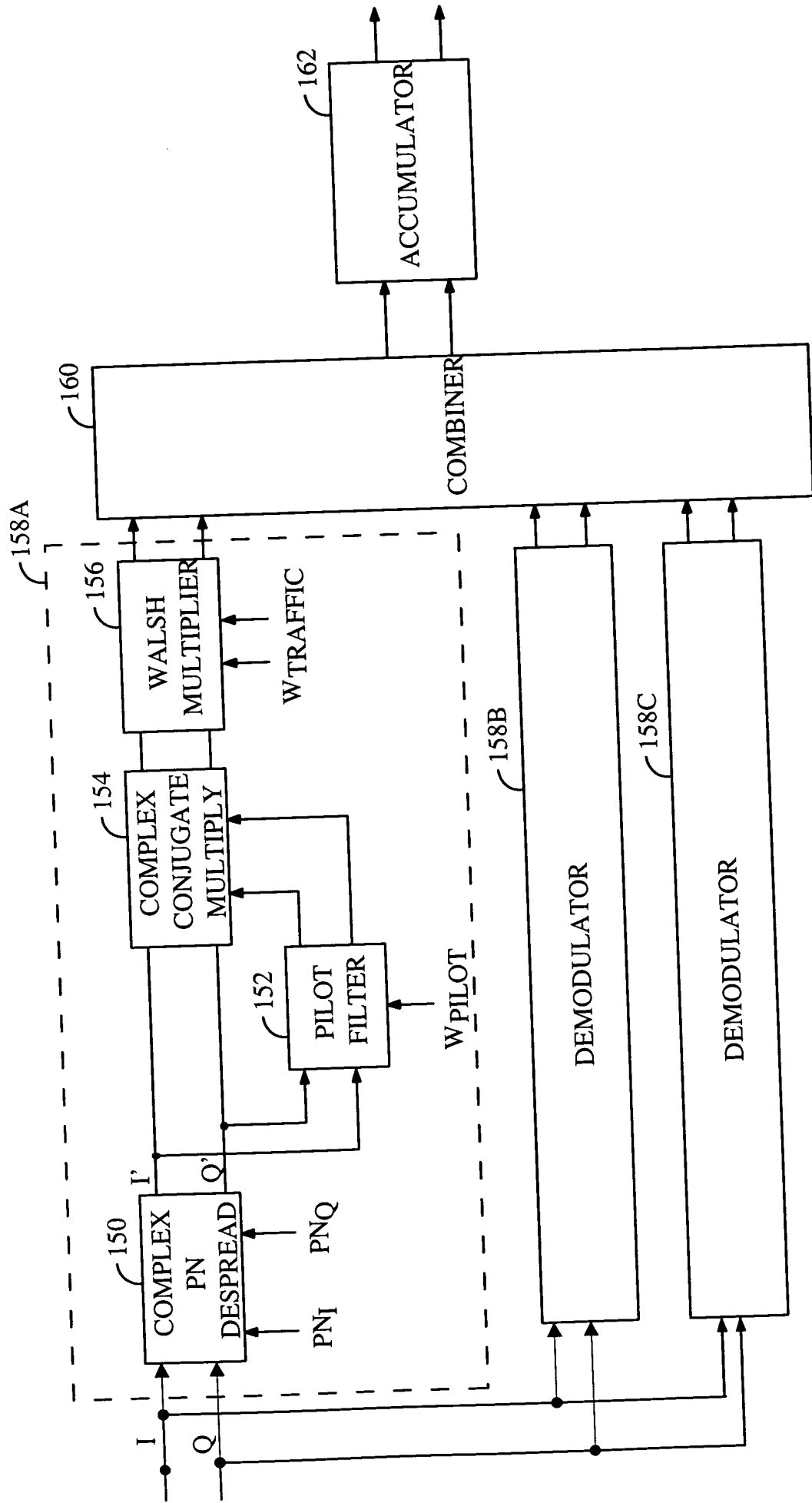


FIG. 5

HAND OF 4 FINGERS AT 1/2 CHIP SEPARATION

BASE BAND SAMPLES AT 2X

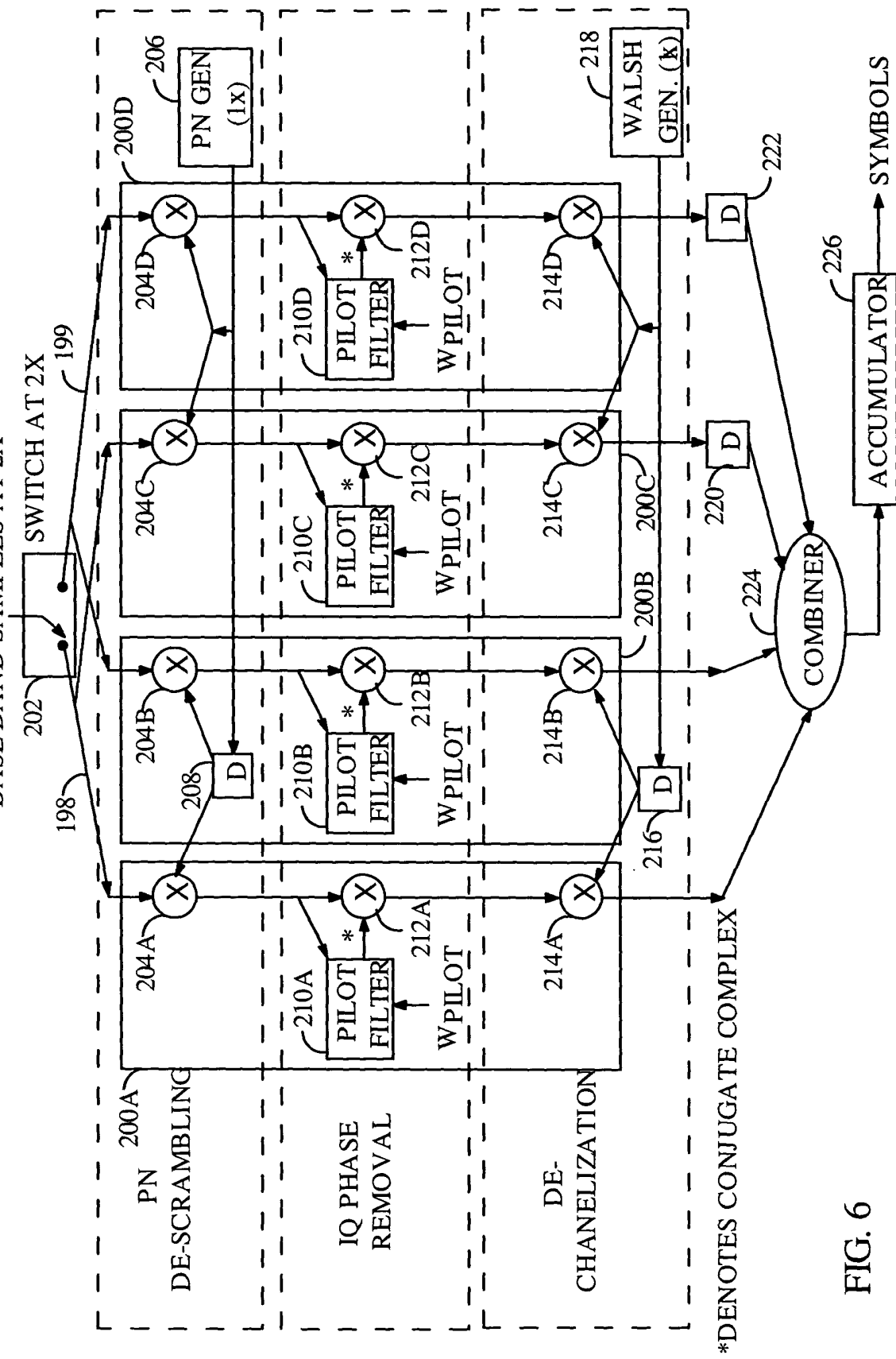
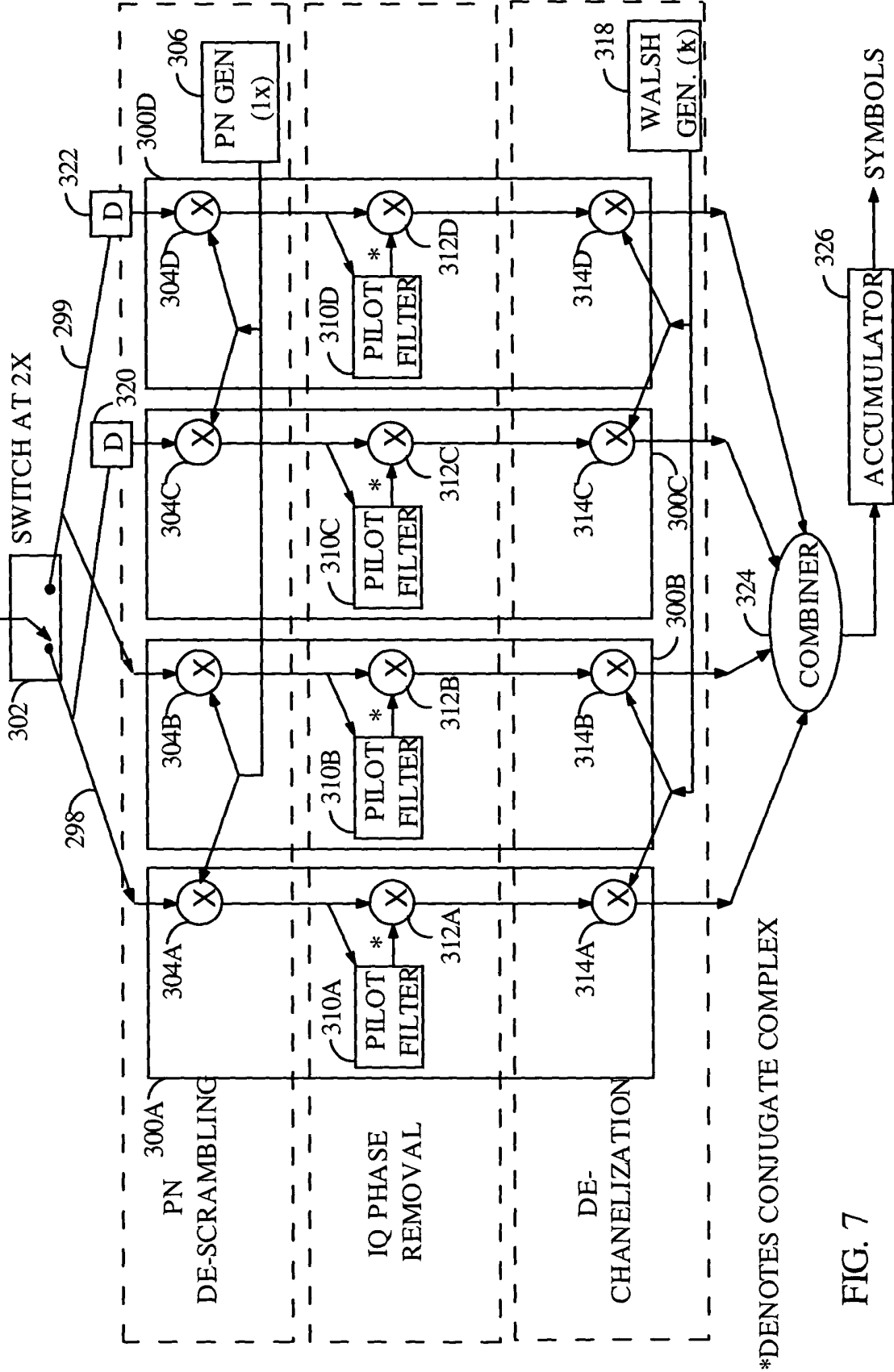


FIG. 6

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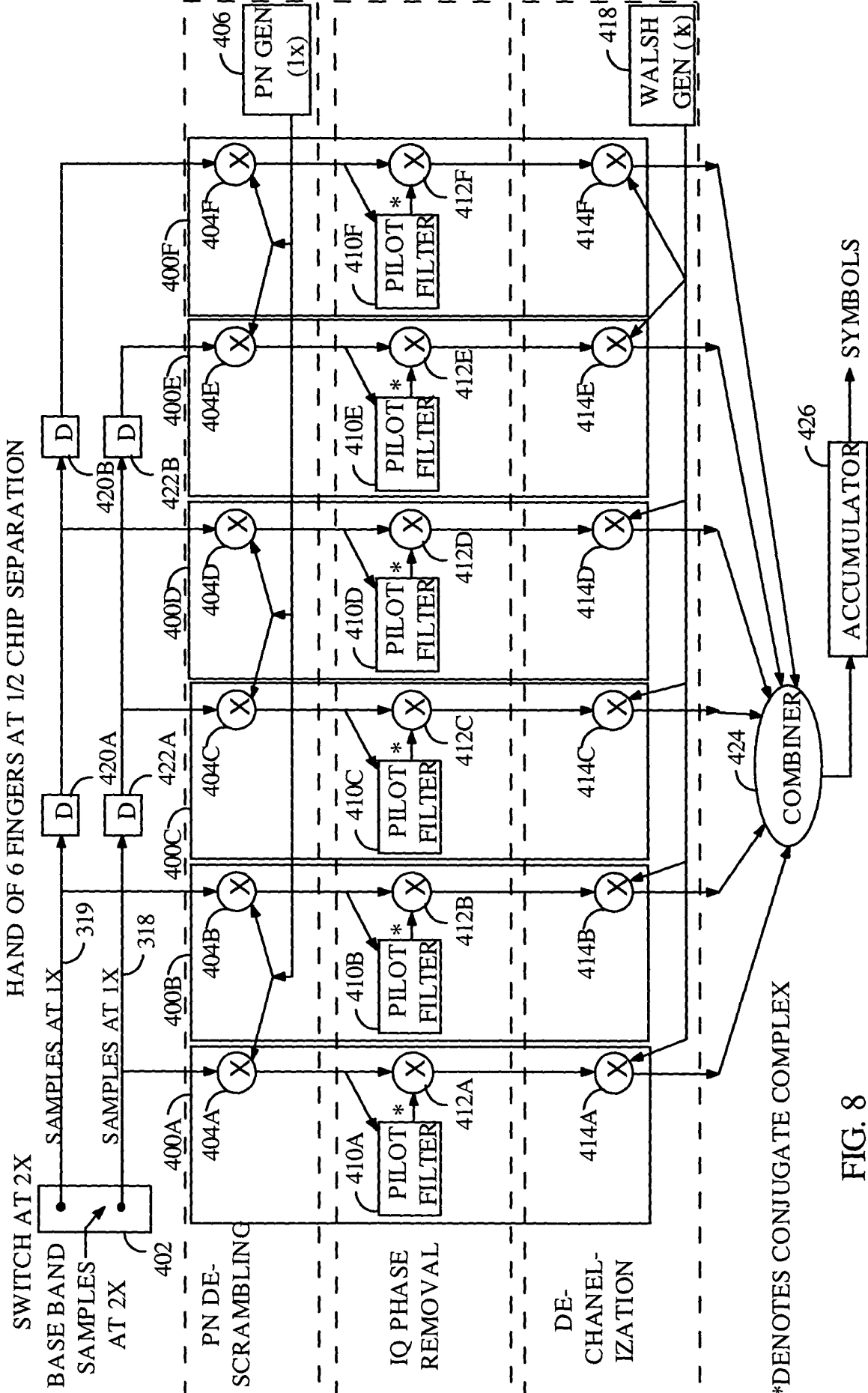
HAND OF 4 FINGERS AT 1/2 CHIP SEPARATION
(2ND IMPLEMENTATION)
BASE BAND SAMPLES AT 2X



*DENOTES CONJUGATE COMPLEX

FIG. 7

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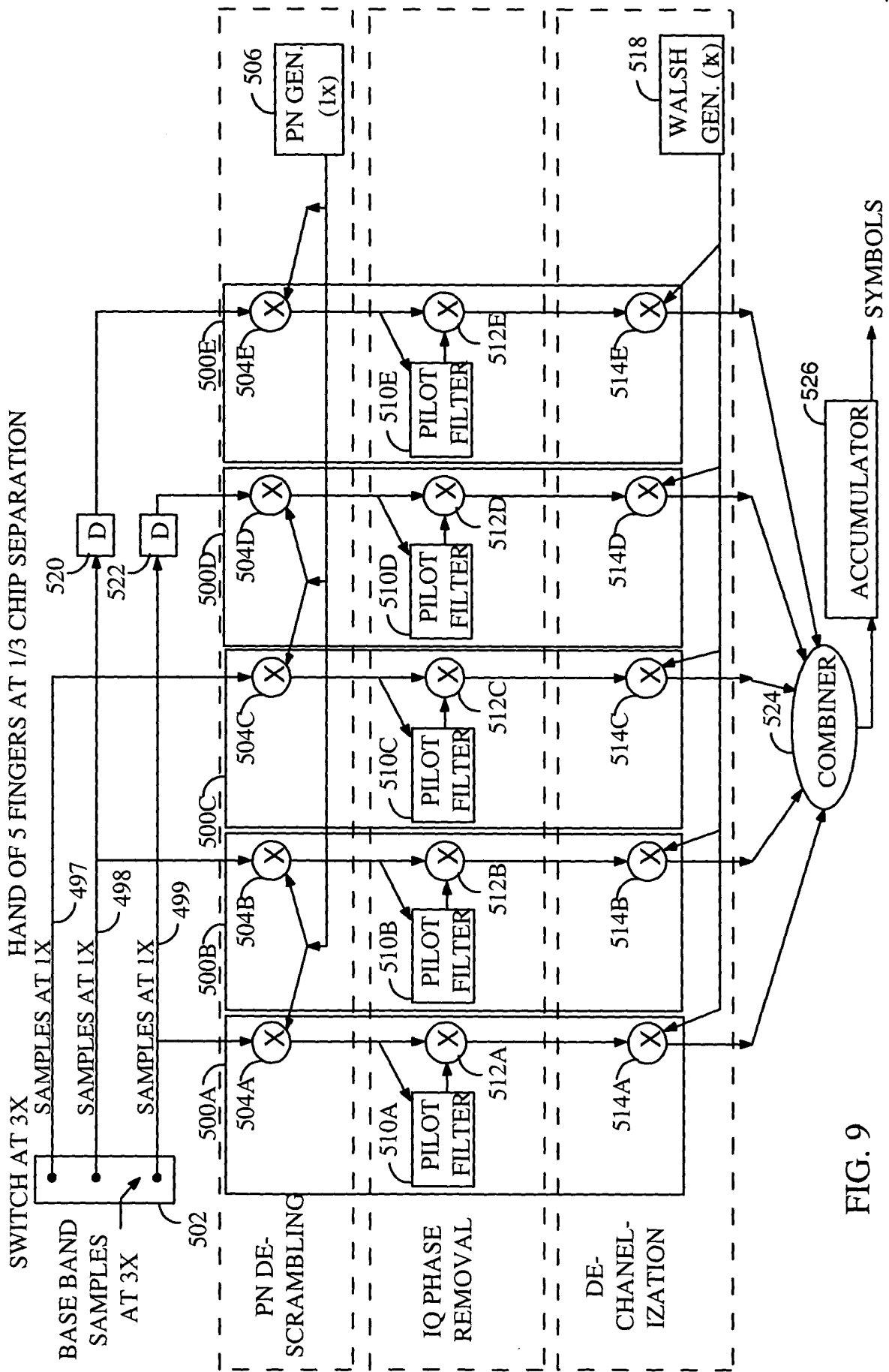
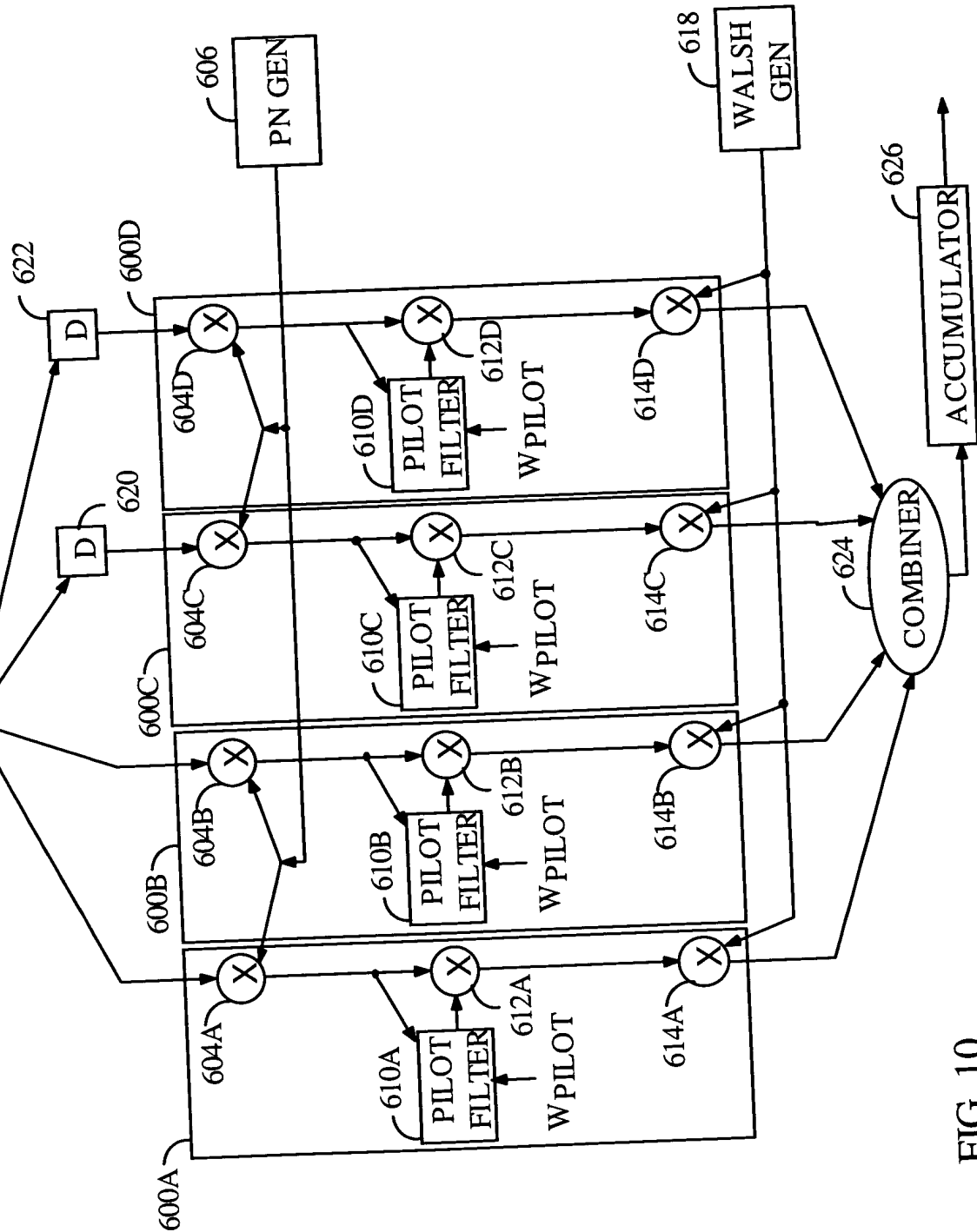


FIG. 9



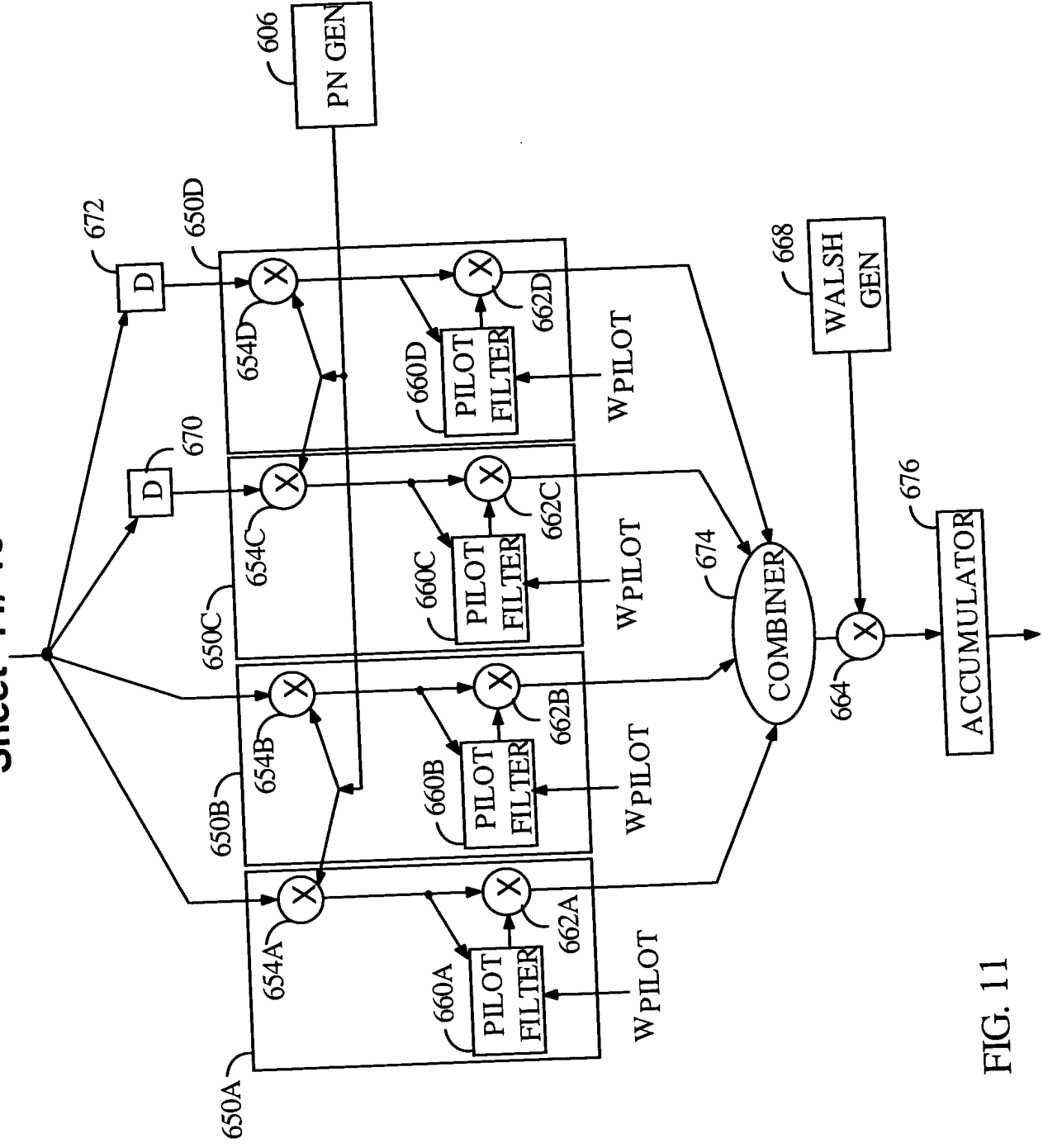


FIG. 11

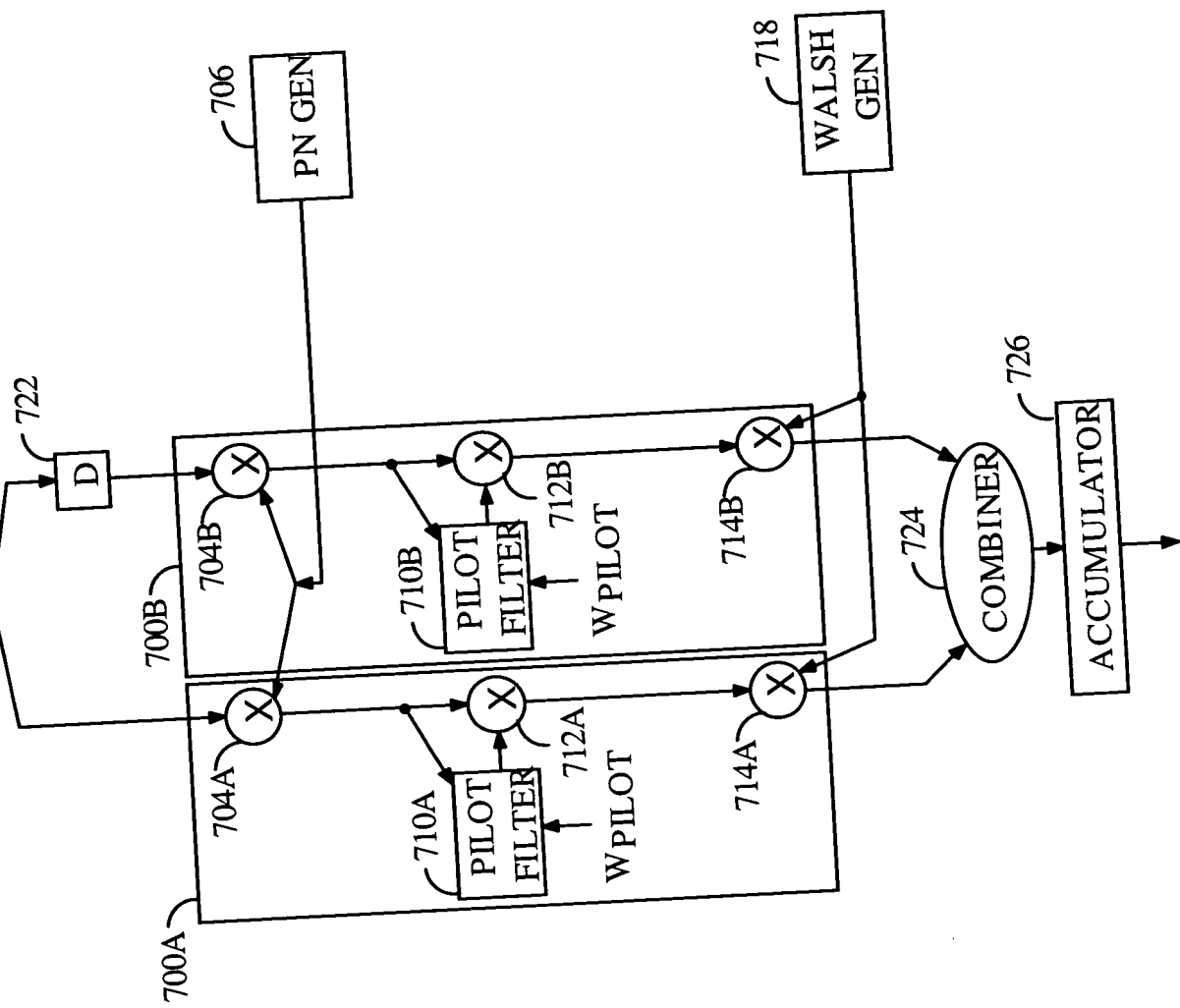


FIG. 12

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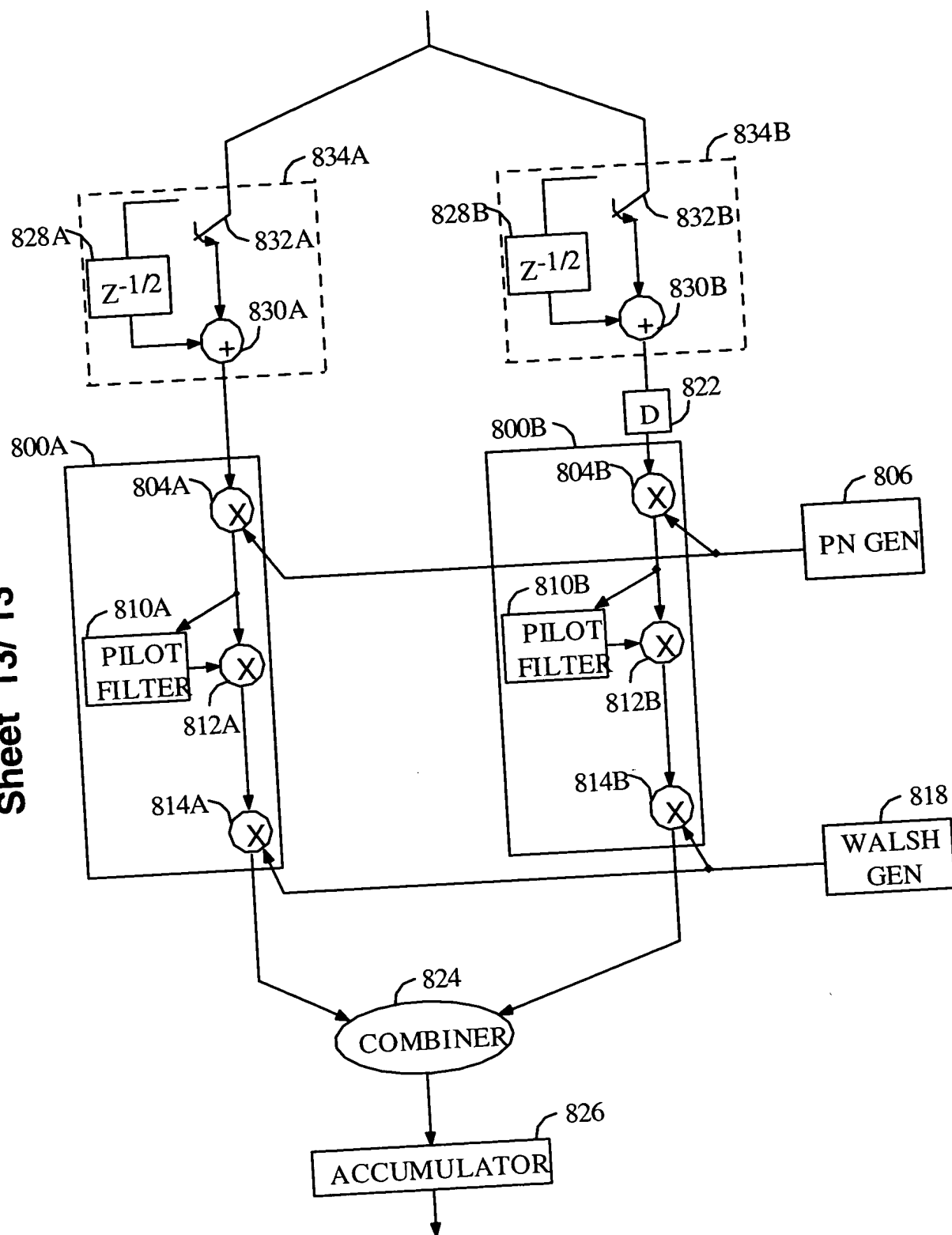


FIG. 13